



LABORATORY HIGH SPEED REFRIGERATED CENTRIFUGE BFA1H1 (BCBHR-211)

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BFA1H1

HIGH SPEED REFRIGERATED CENTRIFUGE

Refrigerated centrifuge is a high-speed centrifuge with freezing function. Due to the refrigeration system, the temperature of the centrifuge chamber can be precisely controlled, the extraction of biological reagents that require strict low temperature control can be met, and the centrifugation efficiency can be improved. It is an indispensable and important tool widely used in biochemistry, medical and health, food safety, life science, agriculture and forestry science, animal husbandry science, blood bank, blood bank, biological products, pharmaceutical products and other fields.



In static pre-cooling mode, when the centrifuge cover is closed, if the set temperature is lower than the ambient temperature, the compressor will automatically start to cool.

The sample temperature can still maintained at 4°C when running at the highest speed, intermittent temperature control mode, fluorine-free refrigeration, low carbon and environmental protection.

Strong cooling capacity, the centrifuge chamber can be lowered from room temperature to 4°C in less than 8 minutes.

High-speed and stable operation , the rotor and the motor shaft are matched with high-precision cones, with high concentricity and low noise.

High-strength metal protective rings are used in the upper and lower shell, which

SPECIFICATIONS

Model	BFA1H1
Old Model	BCBHR-211
Speed range	500-15000rpm (increment: 100rpm)
Time range	1s-99min59s (can be centrifuged instantly)
Speed up down time range	15 or 45s (to protect special sensitive samples from resuspension)
Rotor capacity	0.2ml/0.5ml/1.5ml/2mlx24; 0.2mlx8 stripx4; 0.5mlx36; 5mlx18;
Max. RCF	21400xg
Temp. range	-20°C to +40°C
Temp. control accuracy (at 4°C)	±2°C
Time from R. T. to 4°C	≤8min
Working noise	≤57dB
Safety performance	High-strength metal protective ring, safety cover lock, overspeed, overtemperature, status diagnosis
Other functions	Speed/acceleration display function, instantaneous centrifugal function, running progress display, sound prompt function
Voltage	AC 220V 50Hz
Max. power	1000W
Fuse	250V, 15A, φ5x20
Dimensions (W x D x H)	W.335xD.574xH.234mm
Net weight	26kg
Alt Name	High Speed Refrigerated Centrifuge

ITEMS INCLUDED

No	Name	Description
1	Rotor	5mlx18 Max. speed: 15000rpm Max. RCF: 21400xg

2	Rotor	0.2mlx32 0.2mlx8 stripx4 Max. speed:15000rpm Max. RCF:17624xg
3	Rotor	0.5mlx36 Max. speed:15000rpm Max. RCF:21400xg
4	Rotor	0.2ml/0.5ml/1.5ml/2mlx24 Max. speed:15000rpm Max. RCF:21400xg
5	Tube adapters	2ml to 0.2ml
6	Tube adapters	2ml to 0.2ml



1



2



3



4



5



6

FEATURES

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Strong cooling capacity, the centrifuge chamber can be lowered from room temperature to 4°C in less than 8 minutes.

High-speed and stable operation , the rotor and the motor shaft are matched with high-precision cones, with high concentricity and low noise.

High-strength metal protective rings are used in the upper and lower shell, which have high structural safety and ensure the safe operation of the rotor at high speed.

Patent of the upper cover safety lock technology ensures the safety during operation, and has one-button cover opening function.

Powerful DC brushless motor, maintenance-free, fast drive, ultra-quiet operation, low noise.

Soft-brake function to protect special sensitive samples, and the lifting speed is adjustable to prevent the sample from being resuspended.

Using 4.3-inch color LCD screen, can display speed, centrifugal force and time at the same time.

Has the function of beeping sound when operation completed, and has the function of running status display and error code prompting.

There is a PROG key to call the built-in 10 groups of programs with one key, which is convenient and quick to use.

Equipped with an instant centrifugation button, it can be centrifuged quickly to meet more experimental needs.

High-strength aluminum alloy rotor, no service life limit, can be sterilized at high temperature and high pressure.

One machine multi-purpose, suitable for 0.2, 0.5, 1.5, 2.0, 5.0ml centrifuge tubes and PCR tubes, and 4 rotors are optional.

After the rotor is replaced, the rotor model can be automatically identified, and no need to manually set the rotor model.



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